

## EXECUTIVE SUMMARY

Prepared November 8, 1990

|                 |   |                    |                        |
|-----------------|---|--------------------|------------------------|
| Mine Name:      | <u>Little Mountain Quarry</u>           | I.D. No:           | <u>M/045/005</u>       |
| Operator:       | <u>Lone Star Industries</u>             | County:            | <u>Tooele</u>          |
|                 | <u>dba Utah Portland Quarries, Inc.</u> | New/Existing:      | <u>Existing</u>        |
|                 | <u>P. O. Box 1469</u>                   | Mineral Ownership: | <u>Portland Cement</u> |
|                 | <u>Salt Lake City, Utah 84110</u>       | Surface Ownership: | <u>Portland Cement</u> |
| Telephone:      | <u>(801) 277-1256</u>                   | Lease No.(s):      | <u>N/A</u>             |
| Contact Person: | <u>Ashby Decker</u>                     | Permit Term:       | <u>Life of Mine</u>    |

Life of Mine: 30 years

Legal Description: East 1/2 of Section 20, T2S, R6W, Tooele County, Utah

Mineral(s) to be Mined: Limestone and Shale

Mining Methods: Surface mined (drilling and blasting)

Acres to be Disturbed: 20.4 acres

Present Land Use: Mining, grazing

Postmining Land Use: Grazing

Variances from Reclamation Standards (Rule R613) Granted: R613-004-111(7) Highwalls;  
R613-004-111(8) Roads; R613-004-111(13) Revegetation

### Soils and Geology:

Soil Description: Gravelly Loam

pH: 7.9 - 9

Special Handling Problems: None

Geology Description: Mississippian Age - Great Blue Limestone/Manning Canyon Shale

Hydrology:

Ground Water Description: Ground water reported at 400 foot depth, mining occurs above this depth.

Surface Water Description: Ephemeral wash to the north of the permit area.

Water Monitoring Plan: None. No discharges of water are expected.

Ecology:

Vegetation Type(s); Dominant Species: Bluebunch wheatgrass, Indian ricegrass, Wyoming big sagebrush

Percent Surrounding Vegetative Cover: 65 percent estimated by the SCS

Wildlife Concerns: None

Surface Facilities: Limestone stockpiles, conveyor, office building, storage buildings

Mining and Reclamation Plan Summary: . . . . .

During Operations:

1. Limestone is drilled and blasted. Rock is hauled by front-end loader to a crushing system and stockpiled by conveyor. Front-end loader fills trucks with the crushed limestone for transport.
2. Site facilities will include mining machinery, crushed limestone stockpile, overburden waste pile, conveyor, office and storage buildings and access roads.
3. In the first phase, 250,000 tons per year (tpy) of crushed limestone and 75,000 tpy of shale will be open-pit mined (1985-1987). In the second phase, 350,000 tpy of limestone and 150,000 tpy of shale will be open-pit mined.
4. Little Mountain Quarry operation will save and store topsoil for use in reclamation. Runoff from disturbed areas is contained in a sediment control system.

Following Operation:

1. The site will be reclaimed by regrading, topsoil redistribution, preparing a seed bed and seeding.
2. Highwalls and the main access road will be left in place.

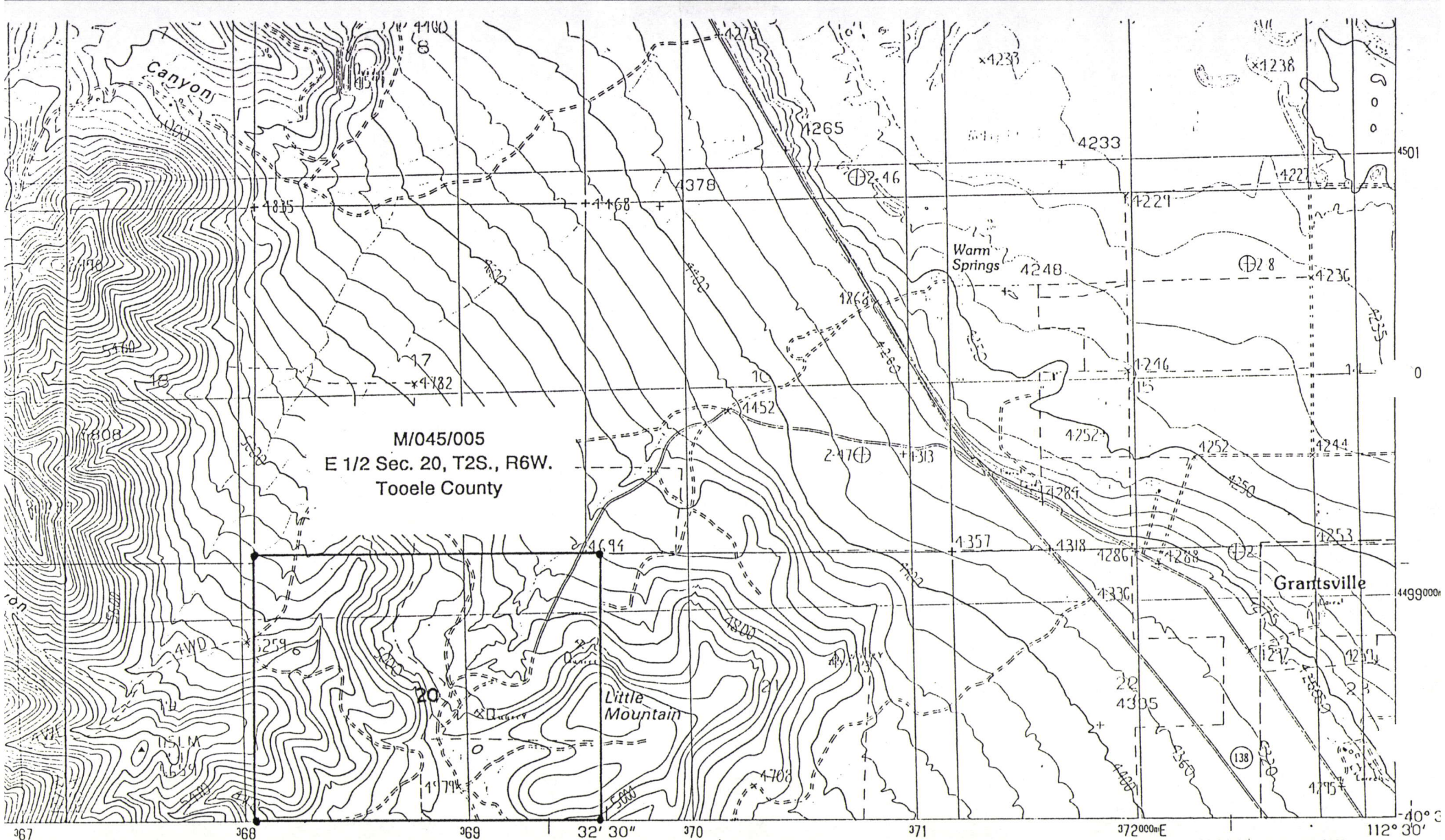
Surety:

Amount: \$56,200 (1995 dollars)

Form: Surety Bond

Renewable Term: 5 years

jb  
MNM045005

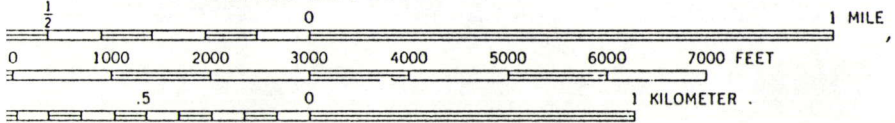


M/045/005  
E 1/2 Sec. 20, T2S., R6W.  
Tooele County

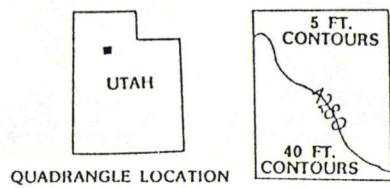
Grantsville

Little Mountain

SCALE 1:24 000



CONTOUR INTERVAL 5 AND 40 FEET



QUADRANGLE LOCATION

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1985

ROAD LEGEND

Improved Road .....  
Unimproved Road .....  
Trail .....

○ Interstate Route ○ U.S. Route ○ State Route

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 1 Poverty Point<br>2 Corral Canyon<br>3 Plug Peak<br>4 Timple<br>5 Burmester<br>6 Salt Mountain |
| 4 |   | 5 |   |

FLUX, UTAH